858 Shipment Information

Functional Group ID=SI

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Shipment Information Transaction Set (858) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the sender with the capability to transmit detailed bill -of-lading, rating, and/or scheduling information pertinent to a shipment.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Not Used	020	ZC1	Beginning Segment For Data Correction Or Change	O	1		
Must Use	030	BX	General Shipment Information	M	1		n1
Not Used	040	BNX	Rail Shipment Information	O	1		
Not Used	050	M3	Release	O	1		
	060	N9	Reference Number	O	30		
Not Used	065	CM	Cargo Manifest	O	3		
Not Used	070	Y6	Authentication	O	4		
Not Used	080	Y7	Priority	O	1		
Not Used	090	C3	Currency	O	1		
Not Used	100	ITD	Terms of Sale/Deferred Terms of Sale	O	1		
	110	G62	Date/Time	O	10		
Not Used	120	PER	Administrative Communications Contact	O	3		
Not Used	130	NA	Cross-Reference Equipment	O	999		
Not Used	140	F9	Origin Station	O	1		
Not Used	150	D9	Destination Station	O	1		
Not Used	160	R1	Route Information (Air)	O	1		
Not Used	170	R2	Route Information	O	13		
Not Used	175	R3	Route Information - Motor	O	13		
Not Used	180	R4	Port	O	5		
Not Used	190	MEA	Measurements	O	10		
	200	H3	Special Handling Instructions	O	20		
Not Used	201	PS	Protective Service Instructions	O	5		
Not Used	210	H6	Special Services	O	6		
			LOOP ID - E1			1	
Not Used	220	E1	Empty Car Disposition - Pended Destination Consignee	O	1		
Not Used	230	E4	Empty Car Disposition - Pended Destination City	O	1		
Not Used	240	E5	Empty Car Disposition - Pended Destination Route	O	13		

Not Used	245	PI	Price Authority Identification	O	1	
Not Used	250	M1	Insurance	O	1	
Not Used	260	M2	Sales/Delivery Terms	O	1	
	270	L7	Tariff Reference	O	30	
	280	NTE	Note/Special Instruction	O	30	
Not Used	290	XH	Pro Forma - B13 Information	O	1	
Not Used	300	GA	Canadian Grain Information	O	1	
			LOOP ID - N7			600
Not Used	330	N7	Equipment Details	O	1	
Not Used	331	EM	Equipment Characteristics	O	1	
Not Used	335	NA	Cross-Reference Equipment	O	30	
Not Used	340	M7	Seal Numbers	O	5	
Not Used	350	N5	Equipment Ordered	O	1	
Not Used	360	REF	Reference Numbers	O	5	
Not Used	370	IC	Intermodal Chassis Equipment	O	1	
Not Used	380	VC	Motor Vehicle Control	O	21	
			LOOP ID - E1			1
Not Used	381	E1	Empty Car Disposition - Pended Destination Consignee	O	1	
Not Used	382	E4	Empty Car Disposition - Pended Destination City	O	1	
Not Used	383	E5	Empty Car Disposition - Pended Destination Route	O	13	
Not Used	384	PI	Price Authority Identification	O	1	
			LOOP ID - N1			12
	390	N1	Name	O	1	
	400	N2	Additional Name Information	O	2	
	410	N3	Address Information	O	2	
	420	N4	Geographic Location	O	1	
	430	REF	Reference Numbers	O	12	
Not Used	440	PER	Administrative Communications Contact	O	3	
Not Used	445	H3	Special Handling Instructions	O	5	
			LOOP ID - S5			50
	450	S5	Stop Off Details	O	1	
Not Used	460	G62	Date/Time	O	6	
Not Used	470	N9	Reference Number	O	10	
Not Used	480	H6	Special Services	O	6	
			LOOP ID - N1			5
	490	N1	Name	O	1	
	500	N2	Additional Name Information	O	2	
Not Used	510	N3	Address Information	O	2	
	520	N4	Geographic Location	O	1	
Not Used	530	REF	Reference Numbers	O	12	
Not Used	540	PER	Administrative Communications Contact	O	3	

Detail:

858P - Shipment Information (Personal Property Government Bill of Lading Shipment)

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LX			999	
Must Use	010	LX	Assigned Number	M	1		
Not Used	020	N7	Equipment Details	O	1		
Not Used	030	NA	Cross-Reference Equipment	O	1		
Not Used	040	M7	Seal Numbers	O	5		
Not Used	050	N5	Equipment Ordered	O	1		
Not Used	060	REF	Reference Numbers	O	5		
Not Used	070	IC	Intermodal Chassis Equipment	O	1		
Not Used	080	VC	Motor Vehicle Control	O	24		
Not Used	090	L7	Tariff Reference	O	10		
Not Used	095	SL1	Tariff Reference	O	1		
	100	N9	Reference Number	O	10		
Not Used	105	H3	Special Handling Instructions	O	1		
Not Used	110	X1	Export License	O	6		
Not Used	120	X2	Import License	O	1		
	130	L5	Description, Marks and Numbers	O	10		
	131	PER	Administrative Communications Contact	O	5		
Not Used	132	LH2	Hazardous Classification Information	O	6		
Not Used	133	LHR	Hazardous Material Identifying Reference Numbers	O	1		
Not Used	134	LH6	Hazardous Certification	O	5		
			LOOP ID - L0			10	
	140	L0	Line Item - Quantity and Weight	O	1		
	150	L1	Rate and Charges	O	20		
	160	MEA	Measurements	O	10		
			LOOP ID - LH1			100	
Not Used	170	LH1	Hazardous Identification Information	O	1		
Not Used	180	LH2	Hazardous Classification Information	O	4		n2
Not Used	190	LH3	Hazardous Material Shipping Name	O	12		
Not Used	191	LFH	Freeform Hazardous Material Information	O	20		
Not Used	192	LEP	EPA Required Data	O	3		
Not Used	200	LH4	Canadian Dangerous Requirements	O	1		
Not Used	201	LHT	Transborder Hazardous Requirements	O	3		
Not Used	210	LHR	Hazardous Material Identifying Reference Numbers	O	10		n3
Not Used	215	PER	Administrative Communications Contact	O	5		
Not Used	220	LHE	Empty Equipment Hazardous Material Information	O	1		n4

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	L3	Total Weight and Charges	O	1		
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. BX05 contains the SCAC of the original roadhaul carrier receiving the shipment.
2. If the hazardous endorsement (LH204) is "NONE", then use of LH204 is mandatory. However, the receiver must consider it to be blanks when printing a paper document.
3. All receivers of the EDI transactions covering empty tank cars which last contained hazardous commodities must be able to add the constant words: RESIDUE: LAST CONTAINED ahead of the contents of LHE01 and add the constant: RESIDUE following the contents of the LHE02 when printing paper documents.
4. When used in the hazardous material loop, the segment will identify the various certification, exemption or shipper-related numbers that relate to the specific line item of the shipment that are in addition to the UN/UA number reference in the LH1 segment.

Segment:	**ST** Transaction Set Header	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			858 X12.18 Shipment Information	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment:	**BX** General Shipment Information	
Position:	030	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit identification numbers and other basic shipment data	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BX01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set

00	Original
01	Cancellation
04	Change

	Ref. Des.	Data Element	Name	Attributes
Must Use	BX02	91	**Transportation Method/Type Code**	M ID 1/2

Code specifying the method or type of transportation for the shipment

J	Motor

	Ref. Des.	Data Element	Name	Attributes
Must Use	BX03	146	**Shipment Method of Payment**	M ID 2/2

Code identifying payment terms for transportation charges

PP	Prepaid (by Seller)

	Ref. Des.	Data Element	Name	Attributes
	BX04	145	**Shipment Identification Number**	O AN 1/30

Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)

	Ref. Des.	Data Element	Name	Attributes
	BX05	140	**Standard Carrier Alpha Code**	O ID 2/4

Standard Carrier Alpha Code

	Ref. Des.	Data Element	Name	Attributes
Not Used	BX06	188	**Weight Unit Code**	O ID 1/1

Code specifying the weight unit

Refer to 003050 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes
	BX07	147	**Shipment Qualifier**	O ID 1/1

Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time

4	Household Goods Bill of Lading

A transport document issued by an individual or business entity for the movement of household goods

	Ref. Des.	Data Element	Name	Attributes
Not Used	BX08	226	**Section Seven Code**	O ID 1/1

Code indicating applicability of section seven option (if not transmitted

assume not in effect)

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	**BX09**	**195**	**Capacity Load Code**	**O**	**ID 1/1**

Code specifying type of capacity load

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	**BX10**	**160**	**Status Report Request Code**	**O**	**ID 1/1**

Code used by the shipper to specify that an automatic status report is requested when the shipment is delivered

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	**BX11**	**501**	**Customs Documentation Handling Code**	**O**	**ID 2/2**

Code defining method of handling for documentation

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	**BX12**	**199**	**Confidential Billing Request Code**	**O**	**ID 1/1**

Code used by the shipper to request that the carrier inhibit origin identification information from the invoice transaction sets and/or rate and charges from waybill documents and transaction sets when shipment moves under confidential contract rates

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	**BX13**	**714**	**Goods and Services Tax Reason Code**	**O**	**ID 1/1**

Code required to identify the reason for a 0% rated goods and services tax

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	**BX14**	**346**	**Application Type**	**O**	**ID 2/2**

Code identifying an application

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**N9** Reference Number			
Position:	060			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	30			
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier			
Syntax Notes:	1 At least one of N902 or N903 is required.			
	2 If N906 is present, then N905 is required.			
Semantic Notes:	1 N906 reflects the time zone which the time reflects.			
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N901**	**128**	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

1O	Consolidation Shipment Number	
	Qualifies a single number that is a key to a group of individual shipment numbers	
BL	Government Bill of Lading	
DY	Department of Defense Transportation Service Code Number (Household Goods)	
FI	File Identifier	
OQ	Order Number	
	Qualifies a code that identifies the authorizing documentation for a household goods	
TG	Transportation Control Number (TCN)	

	Ref. Des.	Data Element	Name	Attributes
	N902	**127**	**Reference Number**	**X AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes
	N903	**369**	**Free-form Description**	**X AN 1/45**

Free-form descriptive text

	Ref. Des.	Data Element	Name	Attributes
	N904	**373**	**Date**	**O DT 6/6**

Date (YYMMDD)

	Ref. Des.	Data Element	Name	Attributes
Not Used	**N905**	**337**	**Time**	**X TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	Ref. Des.	Data Element	Name	Attributes
Not Used	**N906**	**623**	**Time Code**	**O ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**G62** Date/Time		
Position:	110		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	10		
Purpose:	To specify pertinent dates and times		
Syntax Notes:	1	At least one of G6201 or G6203 is required.	
	2	If either G6201 or G6202 is present, then the other is required.	
	3	If either G6203 or G6204 is present, then the other is required.	
Semantic Notes:			
Comments:			

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G6201	432	**Date Qualifier**	X ID 2/2

Code specifying type of date

10	Requested Ship Date/Pick-up Date
54	Deliver No Later Than Date
66	Delivered on This Date
84	Bill of Lading Initiated Date
86	Actual Pickup Date
90	Requested Pack Date

Ref. Des.	Data Element	Name	Attributes
G6202	373	**Date**	X DT 6/6

Date (YYMMDD)

Ref. Des.	Data Element	Name	Attributes
Not Used G6203	176	**Time Qualifier**	X ID 1/2

Code specifying the reported time

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes
Not Used G6204	337	**Time**	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Ref. Des.	Data Element	Name	Attributes
Not Used G6205	623	**Time Code**	O ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes
G6206	624	**Century**	O N0 2/2

The first two characters in the designation of the year (CCYY)

Segment:	**H3** Special Handling Instructions		
Position:	200		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	20		
Purpose:	To specify special handling instructions in coded or free-form format		
Syntax Notes:	1 Only one of H301 or H302 may be present.		
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	H301	**152**	**Special Handling Code**	**X ID 2/3**

Code specifying special transportation handling instructions

DDS	Direct Delivery
FAS	Firearms
GOC	Government-Owned Containers

The additional service charge or order for a transportation carrier to utilize containers provided by the U. S. Government for movement of used personal property belongings to U. S. Government employees

RWR	Reweight Requested

	Ref. Des.	Data Element	Name	Attributes
Not Used	**H302**	**153**	**Special Handling Description**	**X AN 2/30**

Free-form additional description of special handling instructions to appear on printed bill if special handling code is not adequate

	Ref. Des.	Data Element	Name	Attributes
Not Used	**H303**	**241**	**Protective Service Code**	**O ID 1/4**

Code specifying perishable protective service- rail carriers only

Refer to 003050 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes
Not Used	**H304**	**242**	**Vent Instruction Code**	**O ID 1/7**

Code specifying vent instructions

Refer to 003050 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes
Not Used	**H305**	**257**	**Tariff Application Code**	**O ID 1/1**

Code indicating to which traffic a tariff applies

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**L7** Tariff Reference	
Position:	270	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	30	
Purpose:	To reference details of the tariff used to arrive at applicable rates or charge	
Syntax Notes:		
Semantic Notes:	1	L710 is the effective date.
	2	In L715 and L716, "City" and "State" are used for rate combination city and state.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	L701	213	**Lading Line Item Number**	O	N0 1/3
			Sequential line number for a lading item		
	L702	168	**Tariff Agency Code**	O	ID 1/4
			Code defining the tariff bureau or tariff publishing agent that governs the rates applied to this shipment		
	L703	171	**Tariff Number**	O	AN 1/7
			Standard tariff number for the tariff which governs the rates applied to the commodity item(s)		
Not Used	L704	172	**Tariff Section**	O	AN 1/2
			Number used as an extension of the basic tariff number to identify the rates published within specific sections of the tariff		
Not Used	L705	169	**Tariff Item Number**	O	AN 1/16
			Number assigned in the tariff to specific rate or group of rates that applies to one or more items in the shipment		
Not Used	L706	170	**Tariff Item Part**	O	N0 1/2
			Number assigned to subsection of a specific tariff item (arbitrary)		
Not Used	L707	59	**Freight Class Code**	O	AN 2/5
			Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.		
Not Used	L708	173	**Tariff Supplement Identifier**	O	AN 1/4
			Identifier for the tariff supplement which contains the rate used		
Not Used	L709	46	**Ex Parte**	O	AN 4/4
			Level of rates as published in the tariff		
Not Used	L710	373	**Date**	O	DT 6/6
			Date (YYMMDD)		
	L711	119	**Rate Basis Number**	O	AN 1/6

The (mileage) factor published for rating purposes in the appropriate tariff

Not Used   **L712**   **227**   **Tariff Column**   **O**   **AN 1/2**

A tariff commodity classification that is used, as a means of control, for grouping of commodities in tariff applications

           L713   **294**   **Tariff Distance**   **O**   **N0 1/5**

Distance on which the rate for a shipment is based

           L714   **295**   **Distance Qualifier**   **O**   **ID 1/1**

Code identifying the distance unit

      T   Tariff Miles

Not Used   **L715**   **19**   **City Name**   **O**   **AN 2/30**

Free-form text for city name

Not Used   **L716**   **156**   **State or Province Code**   **O**   **ID 2/2**

Code (Standard State/Province) as defined by appropriate government agency

Segment:	**NTE** Note/Special Instruction	
Position:	280	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	30	
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction	
Syntax Notes:		
Semantic Notes:		
Comments:	1	The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
NTE01	**363**	**Note Reference Code**	**O ID 3/3**

Code identifying the functional area or purpose for which the note applies

APS		Appropriation Specifications
		Multiformatted data that describes government accounting classification information used to process the payment information for services provided to the Government
CHG		Change
PAY		Payables

Must Use	**NTE02**	**352**	**Description**	**M AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**N1** Name
Position:	390
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

AG	Agent/Agency	
AN	Authorized From	
	A geographic location designated as an authorized pick-up or origin point for a shipment	
AV	Authorized To	
	A geographic location designated as an authorized drop-off or destination point for shipment	
CN	Consignee	
OW	Owner of Property or Unit	
PO	Party to Receive Invoice for Goods or Services	
RG	Responsible Installation, Origin	
RH	Responsible Installation, Destination	
SF	Ship From	
T3	Terminal Location	
	A geographic location where a motor or rail or air or water terminal is located	
T4	Transfer Point	
	A geographic location where a shipment is transferred or diverted to a new destination	
T5	Transfer To	
	A geographic location where a transferred or diverted shipment is to be delivered	

			TR	Terminal		
			WD	Storage Facility at Destination		
				A storage facility located in the geographic vininity of a destination location		
			WO	Storage Facility at Origin		
				A storage facility located in the geographic vicinity of an origin location		
			X4	Spouse		
	N102	**93**	**Name**		**X**	**AN 1/35**

Free-form name

	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

			10	Department of Defense Activity Address Code (DODAAC)
			27	Government Bill Of Lading Office Code (GBLOC)
			34	Social Security Number
			ZZ	Mutually Defined

	N104	**67**	**Identification Code**	**X**	**AN 2/20**

Code identifying a party or other code

Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**N2** Additional Name Information			
Position:	400			
Loop:	N1 Optional			
Level:	Heading			
Usage:	Optional			
Max Use:	2			
Purpose:	To specify additional names or those longer than 35 characters in length			
Syntax Notes:				
Semantic Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N201	93	**Name**	**M**	**AN 1/35**
			Free-form name		
Not Used	N202	93	**Name**	**O**	**AN 1/35**
			Free-form name		

Segment:	**N3** Address Information	
Position:	410	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N301**	**166**	**Address Information**	**M AN 1/35**
			Address information	
	N302	**166**	**Address Information**	**O AN 1/35**
			Address information	

Segment:	**N4** Geographic Location		
Position:	420		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the geographic place of the named party		
Syntax Notes:	1 If N406 is present, then N405 is required.		
Semantic Notes:			
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.		
	2 N402 is required only if city name (N401) is in the USA or Canada.		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	**19**	**City Name**	**O** **AN 2/30**
		Free-form text for city name	
N402	**156**	**State or Province Code**	**O** **ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency	
N403	**116**	**Postal Code**	**O** **ID 3/11**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	**26**	**Country Code**	**O** **ID 2/3**
		Code identifying the country	
N405	**309**	**Location Qualifier**	**X** **ID 1/2**
		Code identifying type of location	

       CY   County/Parish

       IP   Postal

       RA   Rate Area Code

                        Qualifies a code that identifies a geographic area where transportation rates apply

Ref. Des.	Data Element	Name	Attributes
N406	**310**	**Location Identifier**	**O** **AN 1/30**
		Code which identifies a specific location	

Segment:	**REF** Reference Numbers
Position:	430
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	**1** At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**REF01**	**128**	**Reference Number Qualifier**	**M**	**ID 2/2**

Code qualifying the Reference Number.

DU		Dependents Information

Qualifies text data that describes information about a dependent spouse or children as it pertains to the transportation of household goods

LT		Lot Number
ML		Military Rank/Civilian Pay Grade Number
XC		Cargo Control Number

	REF02	**127**	**Reference Number**	**X**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	REF03	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**S5** Stop Off Details		
Position:	450		
Loop:	S5 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify stop-off details in terms of weight, quantity and volume		
Syntax Notes:	1	If either S503 or S504 is present, then the other is required.	
	2	If either S505 or S506 is present, then the other is required.	
	3	If either S507 or S508 is present, then the other is required.	
Semantic Notes:	1	S509 is the stop reason description.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	S501	165	**Stop Sequence Number**	M N0 1/2
			Identifying number for the specific stop and the sequence in which the stop is to be performed	
Must Use	S502	163	**Stop Reason Code**	M ID 2/2
			Code specifying the reason for the stop	
			LD Load	
			UL Unload	
Not Used	S503	81	**Weight**	X R 1/10
			Numeric value of weight	
Not Used	S504	188	**Weight Unit Code**	X ID 1/1
			Code specifying the weight unit	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	S505	382	**Number of Units Shipped**	X R 1/10
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	
Not Used	S506	355	**Unit or Basis for Measurement Code**	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	S507	183	**Volume**	X R 1/8
			Value of volumetric measure	
Not Used	S508	184	**Volume Unit Qualifier**	X ID 1/1
			Code identifying the volume unit	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	S509	352	**Description**	O AN 1/80
			A free-form description to clarify the related data elements and their	

content

| Not Used | S510 | 154 | **Standard Point Location Code** | O | ID 6/9 |

Code (Standard Point Location) defined by NMFTA point development group as the official code assigned to a city or point (for ratemaking purposes) within a city

| Not Used | S511 | 190 | **Accomplish Code** | O | ID 1/1 |

Code indicating the status of a specified stop

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**N1** **Name**	
Position:	490	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	**1**	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	**1**	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**	**M**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
			AB	Additional Pick Up Address	
			AE	Additional Delivery Address	
	N102	93	**Name**	**X**	**AN 1/35**
			Free-form name		
Not Used	N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	N104	67	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
Not Used	N105	706	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	N106	98	**Entity Identifier Code**	**O**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

Segment:	**N2** Additional Name Information		
Position:	500		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	2		
Purpose:	To specify additional names or those longer than 35 characters in length		
Syntax Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	**Name**	**M AN 1/35**
			Free-form name	
Not Used	N202	93	**Name**	**O AN 1/35**
			Free-form name	

Segment:	**N4** Geographic Location
Position:	520
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	**19**	**City Name**	**O** **AN 2/30**
		Free-form text for city name	
N402	**156**	**State or Province Code**	**O** **ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency	
N403	**116**	**Postal Code**	**O** **ID 3/11**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	**26**	**Country Code**	**O** **ID 2/3**
		Code identifying the country	
N405	**309**	**Location Qualifier**	**X** **ID 1/2**
		Code identifying type of location	
		CY County/Parish	
		IP Postal	
N406	**310**	**Location Identifier**	**O** **AN 1/30**
		Code which identifies a specific location	

Segment:	**LX** Assigned Number	
Position:	010	
Loop:	LX	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To reference a line number in a transaction set	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LX01	554	Assigned Number	M N0 1/6
			Number assigned for differentiation within a transaction set	

	Segment:	**N9** Reference Number
	Position:	100
	Loop:	LX Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	10
	Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
	Syntax Notes:	1 At least one of N902 or N903 is required.
		2 If N906 is present, then N905 is required.
	Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N901	128	**Reference Number Qualifier**	**M**	**ID 2/2**

Code qualifying the Reference Number.

1P	Accessorial Status Code
	Qualifies a single number that describes the status of an accessorial transportation service
1R	Storage Information Code
	Qualifies text data that describes a storage facility used for transportation services
QN	Stop Sequence Number
SE	Serial Number
XC	Cargo Control Number

	Ref. Des.	Data Element	Name	Attributes	
	N902	127	**Reference Number**	**X**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes	
	N903	369	**Free-form Description**	**X**	**AN 1/45**

Free-form descriptive text

	Ref. Des.	Data Element	Name	Attributes	
	N904	373	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

	Ref. Des.	Data Element	Name	Attributes	
Not Used	N905	337	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	Ref. Des.	Data Element	Name	Attributes	
Not Used	N906	623	**Time Code**	**O**	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an

indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**L5** Description, Marks and Numbers	
Position:	130	
Loop:	LX Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify the line item in terms of description, quantity, packaging, and marks and numbers	
Syntax Notes:	**1**	If either L503 or L504 is present, then the other is required.
	2	If L507 is present, then L506 is required.
	3	If either L508 or L509 is present, then the other is required.
Semantic Notes:		
Comments:	**1**	L502 may be used to send quantity information as part of the product description.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	L501	213	**Lading Line Item Number**	O	N0 1/3
			Sequential line number for a lading item		
	L502	79	**Lading Description**	O	AN 1/50
			Description of an item as required for rating and billing purposes		
Not Used	L503	22	**Commodity Code**	X	AN 1/30
			Code describing a commodity or group of commodities		
Not Used	L504	23	**Commodity Code Qualifier**	X	ID 1/1
			Code identifying the commodity coding system used for Commodity Code		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L505	103	**Packaging Code**	O	AN 3/5
			Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L506	87	**Marks and Numbers**	X	AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment		
Not Used	L507	88	**Marks and Numbers Qualifier**	O	ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L508	23	**Commodity Code Qualifier**	X	ID 1/1
			Code identifying the commodity coding system used for Commodity Code		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	L509	22	**Commodity Code**	X	AN 1/30
			Code describing a commodity or group of commodities		
Not Used	L510	595	**Compartment ID Code**	O	ID 1/1

Code identifying the compartment in a compartmentalized tank car
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**PER** Administrative Communications Contact	
Position:	131	
Loop:	LX	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	5	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1	If either PER03 or PER04 is present, then the other is required.
	2	If either PER05 or PER06 is present, then the other is required.
	3	If either PER07 or PER08 is present, then the other is required.
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PER01	366	**Contact Function Code**	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			AU Report Authorizer		
Not Used	PER02	93	**Name**	O	AN 1/35
			Free-form name		
Not Used	PER03	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	PER04	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER05	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	PER06	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER07	365	**Communication Number Qualifier**	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	PER08	364	**Communication Number**	X	AN 1/80
			Complete communications number including country or area code when applicable		
Not Used	PER09	443	**Contact Inquiry Reference**	O	AN 1/20

Additional reference number or description to clarify a contact number

Segment:	**L0** Line Item - Quantity and Weight	
Position:	140	
Loop:	L0 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data	
Syntax Notes:	1 If either L002 or L003 is present, then the other is required.	
	2 If either L004 or L005 is present, then the other is required.	
	3 If either L006 or L007 is present, then the other is required.	
	4 If either L008 or L009 is present, then the other is required.	
	5 If L011 is present, then L004 is required.	
Semantic Notes:		
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
L001	213	**Lading Line Item Number**	O N0 1/3
		Sequential line number for a lading item	
L002	220	**Billed/Rated-as Quantity**	X R 1/11
		Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81	
L003	221	**Billed/Rated-as Qualifier**	X ID 2/2
		Code identifying the type of quantity or value on which the rate or item pricing is based	

              CF   Cubic Foot
              EA   Each
              FR   Flat Rate
              LB   Pound
              LC   100 Pounds
              NR   Container
              RV   Release Value
              TD   Days
              TH   Hours

Ref. Des.	Data Element	Name	Attributes
L004	81	**Weight**	X R 1/10
		Numeric value of weight	
L005	187	**Weight Qualifier**	X ID 1/2
		Code defining the type of weight	

              B   Billed Weight
              E   Estimated Net Weight

			G	Gross Weight	
			N	Actual Net Weight	
			RG	Reweigh Gross Weight	
			RN	Reweigh Net Weight	
			RT	Reweigh Tare Weight	
			SI	Storage in Transit Weight in	
			SO	Storage in Transit Weight Out	
			T	Tare Weight	
			WA	Administrative Weight Allowance	
			WB	Unaccompanied Baggage Weight	
			WG	Professional Gear Weight	
			Z	Mutually Defined	

Not Used   **L006**   **183**   **Volume**   **X   R 1/8**

Value of volumetric measure

Not Used   **L007**   **184**   **Volume Unit Qualifier**   **X   ID 1/1**

Code identifying the volume unit

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used   **L008**   **80**   **Lading Quantity**   **X   N0 1/7**

Number of units (pieces) of the lading commodity

Not Used   **L009**   **211**   **Packaging Form Code**   **X   ID 3/3**

Code for packaging form of the lading quanity

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used   **L010**   **458**   **Dunnage Description**   **O   AN 2/25**

Material used to protect lading

L011   **188**   **Weight Unit Code**   **O   ID 1/1**

Code specifying the weight unit

    L   Pounds

Not Used   **L012**   **56**   **Type of Service Code**   **O   ID 2/2**

Code specifying extent of transportation service requested

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**L1** Rate and Charges		
Position:	150		
Loop:	L0	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	20		
Purpose:	To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements		
Syntax Notes:	1	At least one of L104 L105 or L106 is required.	
	2	If either L114 or L115 is present, then the other is required.	
	3	If either L117 or L118 is present, then the other is required.	
Semantic Notes:	1	L119 is the percent used to determine the charge in L104.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	L101	213	**Lading Line Item Number**	O N0 1/3
			Sequential line number for a lading item	
	L102	60	**Freight Rate**	O R 1/9
			Rate that applies to the specific commodity	
	L103	122	**Rate/Value Qualifier**	O ID 2/2

Code qualifying how to extend charges or interpret value

CT	Charge or Credit Based on Percentage of Total	
CW	Per Hundred Weight	
	Describes a transportation rate that applies to every one hundred pounds of total weight of an individual shipment	
FC	Flat Charge	
FR	Flat Rate	
VM	Volume	

	Ref. Des.	Data Element	Name	Attributes
	L104	58	**Charge**	X N2 1/9

For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified

	Ref. Des.	Data Element	Name	Attributes
Not Used	L105	191	**Advances**	X N2 1/9

Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified

	Ref. Des.	Data Element	Name	Attributes
	L106	117	**Prepaid Amount**	X N2 1/9

Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified

| Not Used | L107 | 120 | **Rate Combination Point Code** | **O** | **AN 3/9** |

The code denoting the connecting station for a joint rate obtained by combining two or more published rates which are used for the calculation of transportation charges

Refer to 003050 Data Element Dictionary for acceptable code values.

| | L108 | 150 | **Special Charge or Allowance Code** | **O** | **ID 3/3** |

Code identifying type of special charge or allowance

100	Airport Terminal Handling Charge
405	Fuel Surcharge
BSC	Bunker Surcharge
CON	Congestion Surcharge
LHS	Linehaul Service

The additional service charge or order for a transportation carrier to provide special linehaul services; i.e. to or from a temporary storage site, for used household goods not included in the normal transportation from origin to destination locations

| PUK | Pack and Unpack |

The additional service charge or order for a transportation carrier to provide packing services at the origin location and unpacking services at destination site, including labor, packing material, and containers, as part of a household goods shipment

| WAR | War Risk Surcharge |

| Not Used | L109 | 121 | **Rate Class Code** | **O** | **ID 1/3** |

Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | L110 | 39 | **Entitlement Code** | **O** | **ID 1/1** |

Code identifying entitlement party

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | L111 | 16 | **Charge Method of Payment** | **O** | **ID 1/1** |

Code defining method of payment

Refer to 003050 Data Element Dictionary for acceptable code values.

| | L112 | 276 | **Special Charge Description** | **O** | **AN 2/25** |

Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150

| Not Used | L113 | 257 | **Tariff Application Code** | **O** | **ID 1/1** |

Code indicating to which traffic a tariff applies

Refer to 003050 Data Element Dictionary for acceptable code values.

| | L114 | 74 | **Declared Value** | **X** | **N2 2/10** |

Monetary assigned value expressed in the standard monetary denomination

			for the currency specified		
	L115	**122**	**Rate/Value Qualifier**	**X**	**ID 2/2**
			Code qualifying how to extend charges or interpret value		
			BL Bill of Lading Declared Value		
Not Used	**L116**	**372**	**Lading Liability Code**	**O**	**ID 1/1**
			Code identifying limits of liability		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	**L117**	**220**	**Billed/Rated-as Quantity**	**X**	**R 1/11**
			Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81		
Not Used	**L118**	**221**	**Billed/Rated-as Qualifier**	**X**	**ID 2/2**
			Code identifying the type of quantity or value on which the rate or item pricing is based		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	**L119**	**954**	**Percent**	**O**	**R 1/10**
			Percentage expressed as a decimal		

Segment:	**MEA** Measurements	
Position:	160	
Loop:	L0	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)	
Syntax Notes:	**1**	At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2	If MEA05 is present, then MEA04 is required.
	3	If MEA06 is present, then MEA04 is required.
	4	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5	Only one of MEA08 or MEA03 may be present.
Semantic Notes:	**1**	MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	**1**	When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**MEA01**	**737**	**Measurement Reference ID Code**	**O**	**ID 2/2**
			Code identifying the broad category to which a measurement applies		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	MEA02	**738**	**Measurement Qualifier**	**O**	**ID 1/3**
			Code identifying a specific product or process characteristic to which a measurement applies		
			HT Height		
			LN Length		
			WD Width		
	MEA03	**739**	**Measurement Value**	**X**	**R 1/20**
			The value of the measurement		
	MEA04	**C001**	**Composite Unit of Measure**	**X**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	C00102	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		
	C00103	**649**	**Multiplier**	**O**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		

	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

	C00105	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

	C00106	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

	C00108	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

	C00109	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

	C00111	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

	C00112	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

	C00114	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	MEA05	740	**Range Minimum**	X	R 1/20

The value specifying the minimum of the measurement range

Not Used	MEA06	741	**Range Maximum**	X	R 1/20

The value specifying the maximum of the measurement range

Not Used	MEA07	935	**Measurement Significance Code**	O	ID 2/2

Code used to benchmark, qualify or further define a measurement value

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	MEA08	936	**Measurement Attribute Code**	X	ID 2/2

Code used to express an attribute response when a numeric measurement

value cannot be determined

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used   **MEA09**   **752**   **Surface/Layer/Position Code**   **O ID 2/2**

Code indicating the product surface, layer or position that is being described

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used   **MEA10**   **1373**   **Measurement Method or Device**   **O ID 2/4**

The method or device used to record the measurement

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**L3** Total Weight and Charges		
Position:	010		
Loop:			
Level:	Summary		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items		
Syntax Notes:	1	If either L301 or L302 is present, then the other is required.	
	2	If either L303 or L304 is present, then the other is required.	
	3	If either L309 or L310 is present, then the other is required.	
	4	If L312 is present, then L301 is required.	
	5	If either L314 or L315 is present, then the other is required.	
Semantic Notes:	1	L305 is the total charges.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	L301	81	**Weight**	**X R 1/10**
			Numeric value of weight	
Not Used	L302	187	**Weight Qualifier**	**X ID 1/2**
			Code defining the type of weight	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	L303	60	**Freight Rate**	**X R 1/9**
			Rate that applies to the specific commodity	
Not Used	L304	122	**Rate/Value Qualifier**	**X ID 2/2**
			Code qualifying how to extend charges or interpret value	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	L305	58	**Charge**	**O N2 1/9**
			For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified	
Not Used	L306	191	**Advances**	**O N2 1/9**
			Incidental charges occurring during transportation which are not generally considered to be freight charges (examples - stop charges, diversion and reconsignment, icing) expressed in the standard monetary denomination for the currency specified	
Not Used	L307	117	**Prepaid Amount**	**O N2 1/9**
			Money paid at point of origin (usually by shipper) expressed in the standard monetary denomination for the currency specified	
Not Used	L308	150	**Special Charge or Allowance Code**	**O ID 3/3**
			Code identifying type of special charge or allowance	

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | **L309** | **183** | **Volume** | **X** | **R 1/8** |

Value of volumetric measure

| Not Used | **L310** | **184** | **Volume Unit Qualifier** | **X** | **ID 1/1** |

Code identifying the volume unit

Refer to 003050 Data Element Dictionary for acceptable code values.

| | **L311** | **80** | **Lading Quantity** | **O** | **N0 1/7** |

Number of units (pieces) of the lading commodity

| Not Used | **L312** | **188** | **Weight Unit Code** | **O** | **ID 1/1** |

Code specifying the weight unit

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | **L313** | **171** | **Tariff Number** | **O** | **AN 1/7** |

Standard tariff number for the tariff which governs the rates applied to the commodity item(s)

| Not Used | **L314** | **74** | **Declared Value** | **X** | **N2 2/10** |

Monetary assigned value expressed in the standard monetary denomination for the currency specified

| Not Used | **L315** | **122** | **Rate/Value Qualifier** | **X** | **ID 2/2** |

Code qualifying how to extend charges or interpret value

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:		**SE** Transaction Set Trailer	
Position:		020	
Loop:			
Level:		Summary	
Usage:		Mandatory	
Max Use:		1	
Purpose:		To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).	
Syntax Notes:			
Semantic Notes:			
Comments:		**1** SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	